

FOR OFFICE USE ONLY:

Version # _____

APP # 700105

1. Project Description

A. Statement of GO Activity

This project requests funding to perform trail maintenance on Bureau of Land Management (BLM) managed trails within the Chappie-Shasta OHV Area (Chappie-Shasta). Chappie-Shasta consists of mixed ownership, with approximately 27,000 acres of BLM, 12,000 acres of Forest Service, and 21,000 acres of private lands. BLM lands are scattered throughout the area, with the largest contiguous blocks found in the northwestern portion of the OHV area. This region is known as Big Gulch, named after the perennial creek that flows westerly through the center of the area. Big Gulch is known for its rugged terrain, challenging and diverse trail network, scenic natural beauty and awe inspiring vistas including spectacular views of Mt. Shasta, Mt. Lassen, Shasta Lake, and the Trinity Alps. Many of the most desirable trails within Chappie-Shasta are found in the Big Gulch area. Trails within this area offer excellent loop riding opportunities at all levels of difficulty. There are also scattered blocks of BLM land located within the vicinity of the Copley Mountain OHV staging area in the southern portion of Chappie-Shasta. Due to the close proximity to the developed staging areas and the city of Redding, the trails around the Copley Mountain area receive the heaviest amount of use, and therefore have the greater need for regular maintenance. The BLM has recently acquired 161 acres of land in this area, containing approximately one mile of heavily used OHV trail. This additional trail will need regular maintenance, which further increases the importance of trail maintenance funding. All trail maintenance and work funded by this project will be carried out during Federal fiscal year 2010.

A combined total of 100 miles of OHV trails within the Big Gulch and Copley Mountain areas will receive maintenance activities, including trail signing, trimming overhanging vegetation, removing fallen trees, culvert and bridge repair or replacement, gate and fence repair or replacement, and trail tread work (grading and armoring where necessary). This work will be completed using BLM staff as well as volunteer labor, California Conservation Corp crews, and California Department of Forestry inmate crews when applicable. Trail signing, brush removal, and fallen tree removal will be completed on all BLM managed trails on an 'as needed' basis. This project will request funding for two chain saws to perform brush and tree removal. For the purposes of public safety, ease of passage and to ensure proper drainage, approximately 50 miles of trail will receive maintenance with mechanized and hand operated equipment. Grade reversals, rolling dips, and any associated culverts will be maintained on these 50 miles of trail. Where necessary (such as around culverts or on soft trail tread), rock armoring will be used to prevent erosion and harden trail surfaces. Heavy equipment used for trail maintenance duties will include a SWECO 480 trail tractor, John Deere 450 dozer, and a mini-excavator depending on the specific trail management objectives and maintenance requirements. This project will request funding for the purchase of a mini-excavator. A mini-excavator is currently being rented on an as needed basis. As often as a mini-excavator is needed for trail projects, it would be more cost effective and convenient to purchase one and have it readily accessible throughout the year. All trail maintenance activities involving soil disturbance will be completed during the fall and spring months to ensure that soils have adequate moisture for proper compaction. In addition, all disturbed slopes will be seeded with native plant species, and stabilized with a combination of geo-netting and straw wattles to prevent erosion.

B. Relation of Proposed Project to OHV Recreation

Maintaining the trails within the Chappie-Shasta OHV Area will add to, enhance, and sustain OHV recreation opportunities for local and travelling OHV enthusiasts. Trails that have become rocky, eroded, or brushed in over time will be cleared of brush and fallen trees, tread surfaces will be improved, and drainage structures will be maintained or reworked to make trails more accessible, sustainable, and more enjoyable to ride. In addition, any vandalized or missing trail signs will be replaced, enhancing the recreation experience for users by allowing them to easily navigate the many miles of trails in the area.

C. Size of the Project

This project requests funding to perform trail maintenance on Bureau of Land Management (BLM) managed trails within the Chappie-Shasta OHV Area (Chappie-Shasta). Chappie-Shasta consists of mixed ownership, with approximately 27,000

acres of BLM, 12,000 acres of Forest Service, and 21,000 acres of private lands. BLM lands are scattered throughout the area, with the largest contiguous blocks found in the northwestern portion of the OHV area. There are also scattered blocks of BLM land located within the vicinity of the Copley Mountain OHV staging area in the southern portion of Chappie-Shasta. A combined total of 100 miles of OHV trails within the Big Gulch and Copley Mountain areas will receive maintenance activities, including trail signing, trimming overhanging vegetation, removing fallen trees, and trail tread work (grading and armoring where necessary).

D. Location and description of OHV opportunities

The Chappie-Shasta OHV Area (Chappie-Shasta) consists of mixed ownership, with approximately 27,000 acres of BLM, 12,000 acres of Forest Service, and 21,000 acres of private lands. BLM lands are scattered throughout the area, with the largest contiguous blocks found in the northwestern portion of the OHV area. This region is known as Big Gulch, named after the perennial creek that flows westerly through the center of the area. Big Gulch is known for its rugged terrain, challenging and diverse trail network, scenic natural beauty and awe inspiring vistas including spectacular views of Mt. Shasta, Mt. Lassen, Shasta Lake, and the Trinity Alps. This area provides numerous and varied OHV opportunities for motorcycle, ATV and 4x4 enthusiasts of all skill levels. Many of the most desirable trails within Chappie-Shasta are found in the Big Gulch area. Trails within this area offer excellent loop riding opportunities at all levels of difficulty. This is the most remote and rugged portion of the OHV area with a drive time of about one hour from Redding. This area can also be reached by riding or driving from other designated OHV staging areas within Chappie-Shasta.

There are also scattered blocks of BLM land located within the vicinity of the Copley Mountain OHV staging area in the southern portion of Chappie-Shasta. Due to the close proximity to the developed staging areas and the city of Redding, the trails around the Copley Mountain area receive the heaviest amount of use. Like the Big Gulch area, the Copley Mountain area also provides numerous and varied OHV opportunities for motorcycle, ATV and 4x4 enthusiasts of all skill levels. There are rugged and rocky expert trails, well graded beginner trails, and everything in between. Another draw for this area is the opportunity for riders to incorporate a variety of loops into their day, both large and small.

There is a combined total of 100 miles of OHV trails within the Big Gulch and Copley Mountain areas that provide excellent OHV recreation opportunities for both local and travelling OHV enthusiasts of all ages and abilities.

2. Rerouting Requirements

Rerouting

- (a) Does your project involve rerouting of any roads and trails? ☐ Yes ☒ No

If response to question (a) is 'Yes', a Project timeline, conceptual drawings and site plans are required (See 'Attachments' tab at the top of the screen)

If response to question (a) is 'No', skip details related to rerouting

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1. **Project Timeline (Required if project includes necessary rerouting)**
2. **Conceptual Drawings and Site Plans (Required if project includes necessary rerouting)**
3. **Project-Specific Maps**
Attachments: [Trail Maintenance Map](#)
4. **Optional Project-Specific Application Documents**

Project Cost Estimate for Grants and Cooperative Agreements Program - 2008/2009
 Agency: BLM - Redding Field Office
 Application: Ground Operations, Chappie-Shasta

6/2/2009

| | | | |
|------------------------------|--|---|-------------|
| FOR OFFICE USE ONLY: | | Version # _____ | APP # _____ |
| APPLICANT NAME : | BLM - Redding Field Office | | |
| PROJECT TITLE : | Ground Operations, Chappie-Shasta | PROJECT NUMBER (Division use only) : | |
| PROJECT TYPE : | <input type="checkbox"/> Acquisition <input type="checkbox"/> Development <input type="checkbox"/> Education & Safety <input checked="" type="checkbox"/> Ground Operations <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Planning <input type="checkbox"/> Restoration | | |
| PROJECT DESCRIPTION : | <p>This project requests funding to perform trail maintenance on Bureau of Land Management (BLM) managed trails within the Chappie-Shasta OHV Area (Chappie-Shasta). Chappie-Shasta consists of mixed ownership, with approximately 27,000 acres of BLM, 12,000 acres of Forest Service, and 21,000 acres of private lands. BLM lands are scattered throughout the area, with the largest contiguous blocks found in the northwestern portion of the OHV area. This region is known as Big Gulch, named after the perennial creek that flows westerly through the center of the area. Big Gulch is known for its rugged terrain, challenging and diverse trail network, scenic natural beauty and awe inspiring vistas including spectacular views of Mt. Shasta, Mt. Lassen, Shasta Lake, and the Trinity Alps. Many of the most desirable trails within Chappie-Shasta are found in the Big Gulch area. Trails within this area offer excellent loop riding opportunities at all levels of difficulty. There are also scattered blocks of BLM land located within the vicinity of the Copley Mountain OHV staging area in the southern portion of Chappie-Shasta. Due to the close proximity to the developed staging areas and the city of Redding, the trails around the Copley Mountain area receive the heaviest amount of use, and therefore have the greater need for regular maintenance. The BLM has recently acquired 161 acres of land in this area, containing approximately one mile of heavily used OHV trail. This additional trail will need regular maintenance, which further increases the importance of trail maintenance funding. All trail maintenance and work funded by this project will be carried out during Federal fiscal year 2010.</p> <p>A combined total of 100 miles of OHV trails within the Big Gulch and Copley Mountain areas will receive maintenance activities, including trail signing, trimming overhanging vegetation, removing fallen trees, culvert and bridge repair or replacement, gate and fence repair or replacement, and trail tread work (grading and armoring where necessary). This work will be completed using BLM staff as well as volunteer labor, California Conservation Corp crews, and California Department of Forestry inmate crews when applicable. Trail signing, brush removal, and fallen tree removal will be completed on all BLM managed trails on an 'as needed' basis. This project will request funding for two chain saws to perform brush and tree removal. For the purposes of public safety, ease of passage and to ensure proper drainage, approximately 50 miles of trail will receive maintenance with mechanized and hand operated equipment. Grade reversals, rolling dips, and any associated culverts will be maintained on these 50 miles of trail. Where necessary (such as around culverts or on soft trail tread), rock armoring will be used to prevent erosion and harden trail surfaces. Heavy equipment used for trail maintenance duties will include a SWECO 480 trail tractor, John Deere 450 dozer, and a mini-excavator depending on the specific trail management objectives and maintenance requirements. This project will request funding for the purchase of a mini-excavator. A mini-excavator is currently being rented on an as needed basis. As often as a mini-excavator is needed for trail projects, it would be more cost effective and convenient to purchase one and have it readily accessible throughout the year. All trail maintenance activities involving soil disturbance will be completed during the fall and spring months to ensure that soils have adequate moisture for proper compaction. In addition, all disturbed slopes will be seeded with native plant species, and stabilized with a combination of geo-netting and straw wattles to prevent erosion.</p> | | |

| Line Item | Qty | Rate | UOM | Grant Request | Match | Total |
|------------------------|-----|------|-----|---------------|-------|-------|
| DIRECT EXPENSES | | | | | | |

Project Cost Estimate for Grants and Cooperative Agreements Program - 2008/2009
Agency: BLM - Redding Field Office
Application: Ground Operations, Chappie-Shasta

6/2/2009

| | Line Item | Qty | Rate | UOM | Grant Request | Match | Total |
|-------------------------|---------------------------------------|----------|----------|------|---------------|-----------|-----------|
| Program Expenses | | | | | | | |
| 1 | Staff | | | | | | |
| | Other-BLM OHV Coordinator | 1000.000 | 32.000 | HRS | 17,000.00 | 15,000.00 | 32,000.00 |
| | Seasonal Maintenance Worker | 1000.000 | 15.000 | HRS | 13,000.00 | 2,000.00 | 15,000.00 |
| | Seasonal Maintenance Worker | 1000.000 | 15.000 | HRS | 13,000.00 | 2,000.00 | 15,000.00 |
| | Maintenance Worker | 600.000 | 27.000 | HRS | 12,200.00 | 4,000.00 | 16,200.00 |
| | Heavy Equipment Operator | 600.000 | 32.000 | HRS | 14,080.00 | 5,120.00 | 19,200.00 |
| | Total for Staff | | | | 69,280.00 | 28,120.00 | 97,400.00 |
| 2 | Contracts | | | | | | |
| 3 | Materials / Supplies | | | | | | |
| | Other-Chainsaw | 2.000 | 500.000 | EA | 800.00 | 200.00 | 1,000.00 |
| | Other-Hand Tools | 1.000 | 500.000 | MISC | 300.00 | 200.00 | 500.00 |
| | Other-Signing Supplies | 1.000 | 3000.000 | MISC | 2,500.00 | 500.00 | 3,000.00 |
| | Fencing Supplies | 1.000 | 2000.000 | MISC | 2,000.00 | 0.00 | 2,000.00 |
| | Other-Straw Mulch | 100.000 | 4.000 | EA | 200.00 | 200.00 | 400.00 |
| | Other-Culverts | 5.000 | 300.000 | EA | 900.00 | 600.00 | 1,500.00 |
| | Total for Materials / Supplies | | | | 6,700.00 | 1,700.00 | 8,400.00 |
| 4 | Equipment Use Expenses | | | | | | |
| | Equipment Rental | 10.000 | 500.000 | DAY | 5,000.00 | 0.00 | 5,000.00 |
| | Other-Equipment Fuel | 1.000 | 2500.000 | MISC | 2,000.00 | 500.00 | 2,500.00 |
| | Other-SWECO Annual Maintenance | 1.000 | 2000.000 | EA | 2,000.00 | 0.00 | 2,000.00 |
| | Other-ATV Maintenance | 3.000 | 500.000 | EA | 1,000.00 | 500.00 | 1,500.00 |

Project Cost Estimate for Grants and Cooperative Agreements Program - 2008/2009
Agency: BLM - Redding Field Office
Application: Ground Operations, Chappie-Shasta

6/2/2009

| | Line Item | Qty | Rate | UOM | Grant Request | Match | Total |
|----------|--|--------|-----------|-----|-------------------|------------------|-------------------|
| | Other-Vehicle Use and Maintenance | 30.000 | 100.000 | DAY | 0.00 | 3,000.00 | 3,000.00 |
| | Total for Equipment Use Expenses | | | | 10,000.00 | 4,000.00 | 14,000.00 |
| 5 | Equipment Purchases | | | | | | |
| | Other-Mini-Excavator | 1.000 | 40000.000 | EA | 40,000.00 | 0.00 | 40,000.00 |
| 6 | Others | | | | | | |
| 7 | Administrative Costs | | | | | | |
| | Administrative Costs-General Administrat | 1.000 | 16000.000 | EA | 0.00 | 16,000.00 | 16,000.00 |
| | Total Program Expenses | | | | 125,980.00 | 49,820.00 | 175,800.00 |
| | TOTAL DIRECT EXPENSES | | | | 125,980.00 | 49,820.00 | 175,800.00 |
| | TOTAL EXPENDITURES | | | | 125,980.00 | 49,820.00 | 175,800.00 |

Project Cost Summary for Grants and Cooperative Agreements Program - 2008/2009
 Agency: BLM - Redding Field Office
 Application: Ground Operations, Chappie-Shasta

6/2/2009

| | Line Item | Grant Request | Match | Total | Narrative |
|-------------------------------|------------------------|-------------------|------------------|-------------------|-----------|
| DIRECT EXPENSES | | | | | |
| Program Expenses | | | | | |
| 1 | Staff | 69,280.00 | 28,120.00 | 97,400.00 | |
| 2 | Contracts | 0.00 | 0.00 | 0.00 | |
| 3 | Materials / Supplies | 6,700.00 | 1,700.00 | 8,400.00 | |
| 4 | Equipment Use Expenses | 10,000.00 | 4,000.00 | 14,000.00 | |
| 5 | Equipment Purchases | 40,000.00 | 0.00 | 40,000.00 | |
| 6 | Others | 0.00 | 0.00 | 0.00 | |
| 7 | Administrative Costs | 0.00 | 16,000.00 | 16,000.00 | |
| Total Program Expenses | | 125,980.00 | 49,820.00 | 175,800.00 | |
| TOTAL DIRECT EXPENSES | | 125,980.00 | 49,820.00 | 175,800.00 | |
| TOTAL EXPENDITURES | | 125,980.00 | 49,820.00 | 175,800.00 | |

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ITEM 1 and ITEM 2

ITEM 1

- a. ITEM 1 - Has a CEQA Notice of Determination (NOD) been filed for the Project? ☐ Yes ☒ No
(Please select Yes or No)

ITEM 2

- b. ITEM 2 - Are the proposed activities a "Project" under CEQA Guidelines Section 15378? ☒ Yes ☐ No
(Please select Yes or No)
- c. The Application is requesting funds solely for personnel and support to enforce OHV laws and ensure public safety. These activities would not cause any physical impacts on the environment and are thus not a "Project" under CEQA. ☐ Yes ☒ No
(Please select Yes or No)
- d. Other. Explain why proposed activities would not cause any physical impacts on the environment and are thus not a "Project" under CEQA. DO NOT complete ITEMS 3 – 9

ITEM 3 - Impact of this Project on Wetlands

All trail maintenance activities will take place on existing roads and trails that have been regularly maintained for over 30 years. All trail maintenance activities involving soil disturbance will be completed during the fall and spring months to ensure that soils have adequate moisture for proper compaction. In addition, all disturbed slopes will be seeded with native plant species, and stabilized with a combination of geo-netting and straw wattles to prevent erosion. After consultation with staff specialists, it has been determined that the proposed project will have no impact on wetlands, navigable waters, or sensitive species habitat that may occur in the project area.

ITEM 4 - Cumulative Impacts of this Project

Resource specialists of the BLM Redding Field Office have considered the cumulative effects of brushing, trail maintenance, erosion control, and the placement of signs, kiosks, and barriers within the trail maintenance and conservation project area. It has been determined that the impacts of these activities done at the levels specified in this project and taking place over several years would not be cumulatively significant. Heavy equipment would be used annually on approximately thirty miles of existing road and trails to clean out drains and reshape rolling dips. These actions performed over several years would allow for OHV use on roads and trails with little additional erosion. However, taking no action could cause cumulative impacts including accelerated erosion from lack of maintenance, increased illegal activity, and resource damage from lack of law enforcement and signing, and increased accidents due to bad trail conditions from lack of maintenance and brushing.

ITEM 5 - Soil Impacts

The project area has been analyzed with regard to steep slopes and highly erosive soils that would cause the proposed action to have a significant effect on the environment. After consultation with staff specialists, it has been determined that the proposed activities will not have a significant effect on the environment due to steep slopes or highly erosive soils. Trails within this area are not located on highly erosive soils. All trail maintenance activities will take place on existing roads and trails that have been regularly maintained for over 30 years. Trail maintenance activities involving soil disturbance will be completed during the fall and spring months to ensure that soils have adequate moisture for proper compaction. In addition, all disturbed slopes will be seeded with native plant species, and stabilized with a combination of geo-netting and straw wattles to prevent erosion.

ITEM 6 - Damage to Scenic Resources

Some of the proposed actions identified in this project are within the view shed of a one-mile portion of State Scenic Highway 151 located between Shasta Lake City and Shasta Dam. The proposed project is not within the view shed of any other State Scenic Highways. The views of the project area from Highway 151 would be from over one mile away, making it difficult to see the actual on the ground activities. The proposed activities would also be minor alterations, if any, to the view shed, entailing brushing trails and roads to their existing width and placing small signs difficult to see from over a mile away. All existing roads and trails were in place before the designation of Highway 151 as a State Scenic Highway. Thus, this proposed project would not impact the view shed from State Scenic Highway 151.

ITEM 7 - Hazardous Materials

Is the proposed Project Area located on a site included on any list compiled pursuant to Section 65962.5 of the California Government Code (hazardous materials)? (Please select Yes or No) ☐ Yes ☒ No

If YES, describe the location of the hazard relative to the Project site, the level of hazard and the measures to be taken to minimize or avoid the hazards.

ITEM 8 - Potential for Adverse Impacts to Historical or Cultural Resources

Would the proposed Project have potential for any substantial adverse impacts to historical or cultural resources? (Please select Yes or No) ☐ Yes ☒ No

If YES, describe the potential impacts and for any substantially adverse changes in the significance of historical or cultural resources and measures to be taken to minimize or avoid the impacts.

ITEM 9 - Indirect Significant Impacts

This project will not cause indirect significant impacts.

CEQA/NEPA Attachment

Attachments:

[Trail Maintenance CX](#)
[Trail Maintenance CX DR](#)
[Signed Trail Maintenance DR](#)
[Trail Maintenance Map](#)

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1. Project Cost Estimate - Q 1. (Auto populates from Cost Estimate)

1. As calculated on the Project Cost Estimate, the percentage of the cost of the Project covered by the Applicant is 3

(Check the one most appropriate) (Please select one from list)

- ☐ 76% or more (10 points)
☐ 51% - 75% (5 points)
☒ 26% - 50% (3 points)
☐ 25% (Match minimum) (No points)

2. Failure to Complete - Q 2.

2. Failure to complete the Project would result in: 8

(Check all that apply) : Maximum of 8 points (Please select applicable values)

- ☒ Loss of OHV Opportunity (6 points)
☐ Negative impact to cultural sites (2 points)
☐ Damage to special-status species or other sensitive habitat (2 points)
☒ Potential trespass (2 points)
☐ Additional damage to Facilities (1 point)

Explain each statement that was checked

If trails are not maintained they will fill in with brush, erode, become excessively rocky, and will either be abandoned by riders or will be closed by BLM for safety reasons or to prevent undue environmental degradation from excessive soil erosion.

If sustainable and enjoyable trails are no longer available to the recreating public, they will seek out other opportunities or create their own trails by trespassing on adjacent private lands or limited use public land. User created trails are rarely built in a sustainable manner and often lead to more costly problems such as the need for law enforcement, installation of fences or gates, and rehabilitation of damaged lands.

3. Sustain OHV Opportunity - Q 3.

3. The Project would sustain OHV Opportunity by 13

(Check all that apply) (Please select applicable values)

- ☒ Maintaining trail or road tread (5 points)
☒ Installing or repairing erosion control features (3 points)
☒ Providing traffic control and/or educational signage (3 points)
☒ Maintaining multi use (ATV, Dirt Bikes, 4x4, etc) (1 point)
☒ Providing varied levels of riding difficulty (1 point)

Explain each statement that was checked

This project would allow for annual maintenance of roads and trails in the Chappie-Shasta OHV Area. Trail tread would be maintained or improved, erosion control features would be repaired or installed where necessary, and any missing or vandalized trail signs would be replaced which would control traffic by ensuring that riders choose appropriate trails for their skill level. By maintaining trails to sustainable standards it would preserve a variety of OHV opportunities for ATVs, dirt bikes, and 4x4 vehicles. If trails are not maintained they will eventually be abandoned or closed for safety or environmental reasons, which would eliminate multi-use OHV opportunities in the area.

4. Public Input - Q 4.

4. The Project was developed with public input employing the following 2

(Check all that apply) : Maximum of 2 points (Please select applicable values)

- ☒ Meeting(s) with the general public to discuss Project (1 point)
☐ Conference call(s) with interested parties (1 point)
☒ Meeting(s) with stakeholders (1 point)

Explain each statement that was checked

Numerous meetings with the general public, private land owners and stakeholders have occurred to help develop this project. Stakeholders met with include the following: Redding Dirt Riders, Shasta Rock Rollers, Mining Remedial Recovery Company, and various private property owners within and adjacent to the OHV area.

5. Utilization of Partnerships - Q 5.

5. The Project will utilize partnerships to successfully accomplish the Project. The number of partner organizations that will participate in the Project are 4

(Check the one most appropriate) (Please select one from list)

- ☒ 4 or more (4 points) ☐ 2 to 3 (2 points)
☐ 1 (1 point) ☐ None (No points)

List partner organization(s):

Redding Dirt Riders
Shasta Rock Rollers
Black Sheep 4x4 Club
USDA Forest Service
Bureau of Reclamation
Shasta County Sheriffs Department

6. Impact to Natural and Cultural Resources - Q 6.

6. The Project will avoid and/or minimize impact to natural and cultural resources by 5

(Check all that apply) : Maximum of 7 points (Please select applicable values)

- ☒ Maintaining physical barriers to control OHV use (1 point)
☒ Protecting water quality (1 point)
☒ Providing bridges instead of wet crossings where appropriate (1 point)
☒ Protecting special-status species (1 point)
☐ Re-routing trails to divert away from riparian/wetlands areas (1 point)
☐ Providing sanitary facilities (1 point)
☒ Protecting cultural site(s) (1 point)
☐ Site design precludes the need for the above measures (7 points)

Explain each statement that was checked

In this project, gates and fences will be maintained or installed to control OHV use in sensitive or closed areas. Water quality will be protected by installing or repairing culverts and erosion control features where needed. By maintaining trails that users will enjoy, they will more likely stay on trails, which will protect special status species habitat and cultural resources. If OHV use threatens sensitive species habitat or cultural resources it will promptly be addressed with signing, closure and/or barriers. At large water crossings, bridges will be used (built or replaced if necessary) instead of wet crossings to minimize sediment getting into streams.

7. Recycled Materials - Q 7.

7. The Project incorporates recycled materials by utilizing 5

(Check all that apply) (Please select applicable values)

- ☒ Barrier materials which include recycled content or materials obtained onsite (1 point)
- ☒ Signs, sign posts or education kiosks which use products with recycled content (1 point)
- ☒ Erosion control features which use materials with recycled content (1 point)
- ☒ Paper used for trail maps which includes recycled content (1 point)
- ☒ Other products with recycled content (Specify) (1 point) [Recycled planks for bridges]

8. Sustainable Technologies - Q 8.

8. The Project makes substantial use of sustainable technologies such as 4

- Alternative fuel vehicles and equipment
- Renewable energy sources (e.g., solar, wind)
- Low volatile organic compound emission materials (e.g., paint, sealants, carpet)
- Low flow plumbing fixtures
- Water efficient landscaping

(Check the one most appropriate) (Please select one from list)

☐ No (No points)

☒ Yes (4 points)

Explain 'Yes' response

Low volatile organic compound paints and stains will be used during maintenance and construction of fences or bridges. Water efficient landscaping techniques will be employed by using local, native plants for stabilization of hillsides, damaged areas, or potentially erosive areas as well as at trailheads and staging areas. Also, the BLM Redding Field Office has two hybrid electric vehicles that will be utilized as much as possible to transport personnel and materials to job sites.

9. Motorized Access - Q 9.

9. The Project improves and/or maintains facilities that provide motorized access to the following non-motorized recreation opportunities 6

(Check all that apply) Scoring: 2 points each, up to a maximum of 6 points (Please select applicable values)

☒ Camping

☒ Birding

☒ Hiking

☐ Equestrian trails

☒ Fishing

☐ Rock Climbing

☐ Other (Specify)